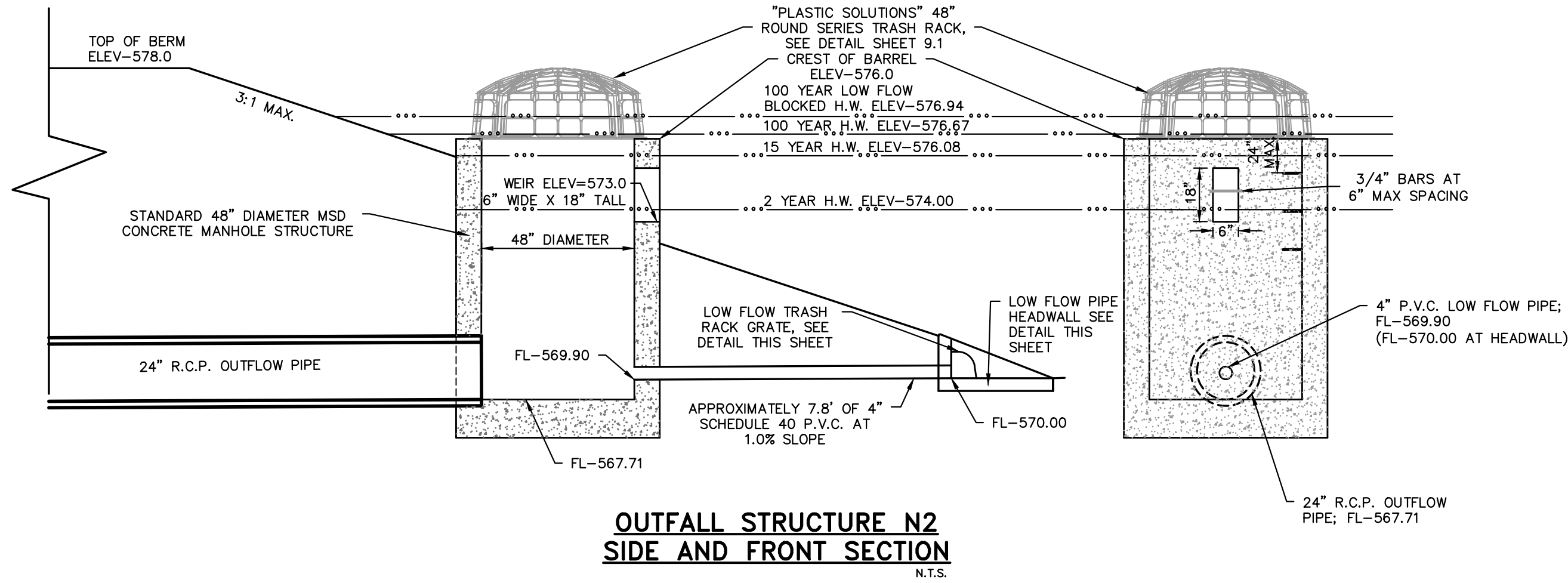
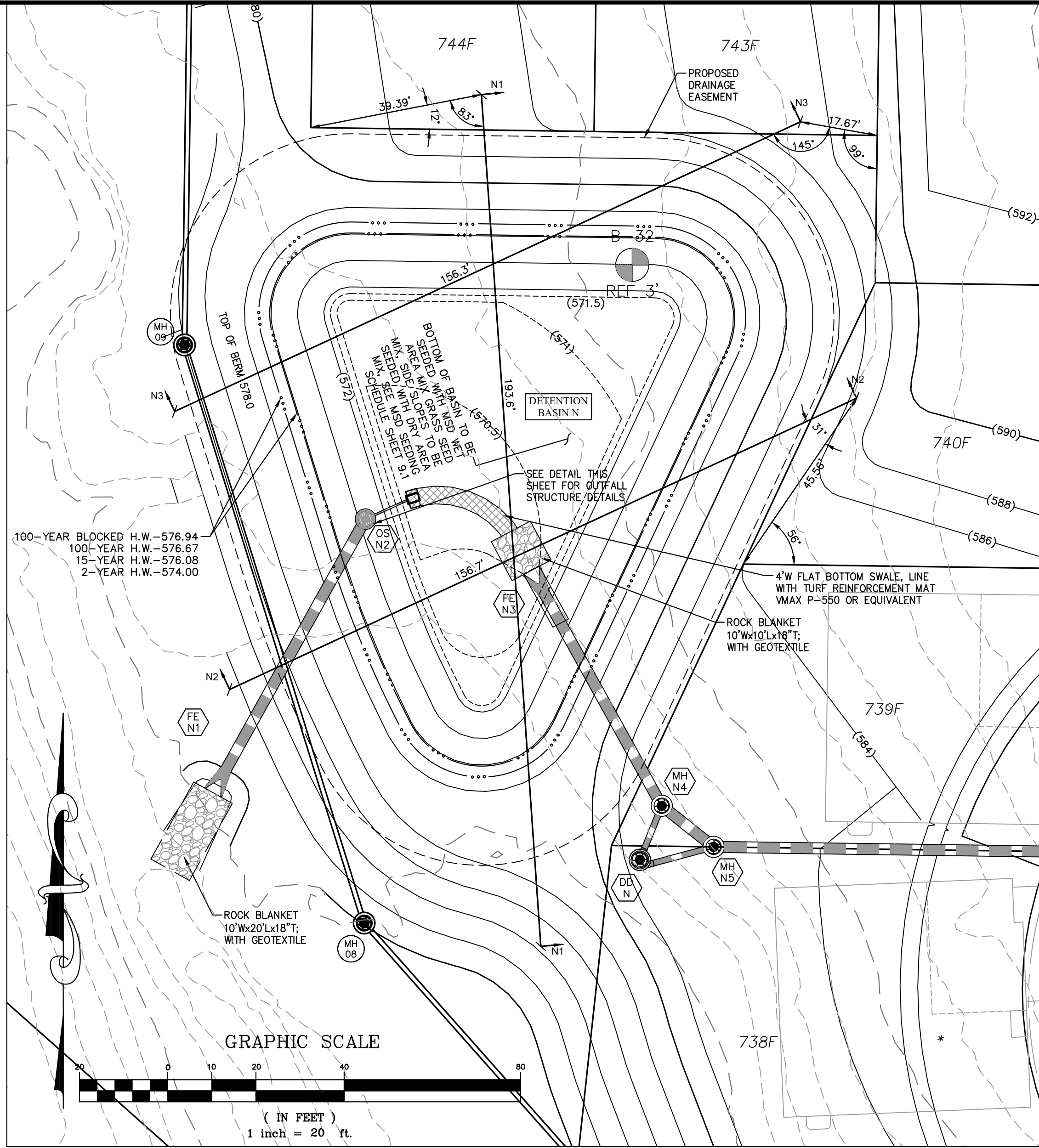


Drawing name: V:\2009\227 Highway N Assembly\Drawings\Improvements\9227 IMP Basin Details.dwg Plotted on: Feb 11, 2025 - 10:19am Plotted by: juelienhaus



SHOP DRAWING REQUIRED

R-7512-A1
Cast Iron Pipe Screen for 10-
inch Pipe

For overflow drain.
For maximum free drainage area with openings
sized to prevent clogging.
R-7512-A1 Width 16" for 10" pipe

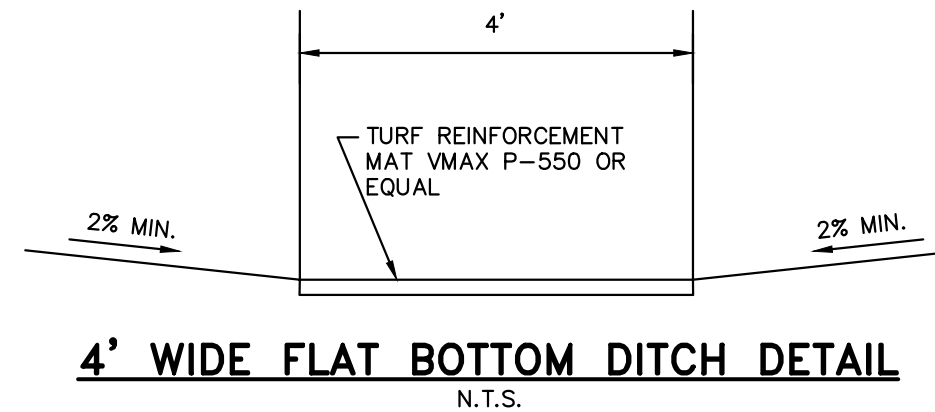
Height...13 inches
Length...18 inches
Openings...1 inch

NEENAH
MANHOLE SCREENS

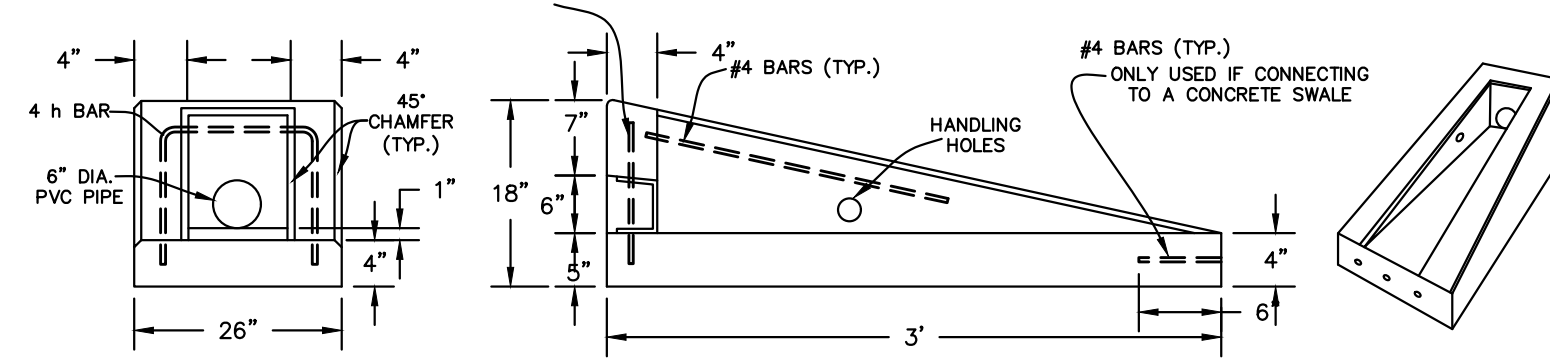


Six 3/4" Holes for Anchor Bolts

LOW FLOW TRASH RACK DETAIL

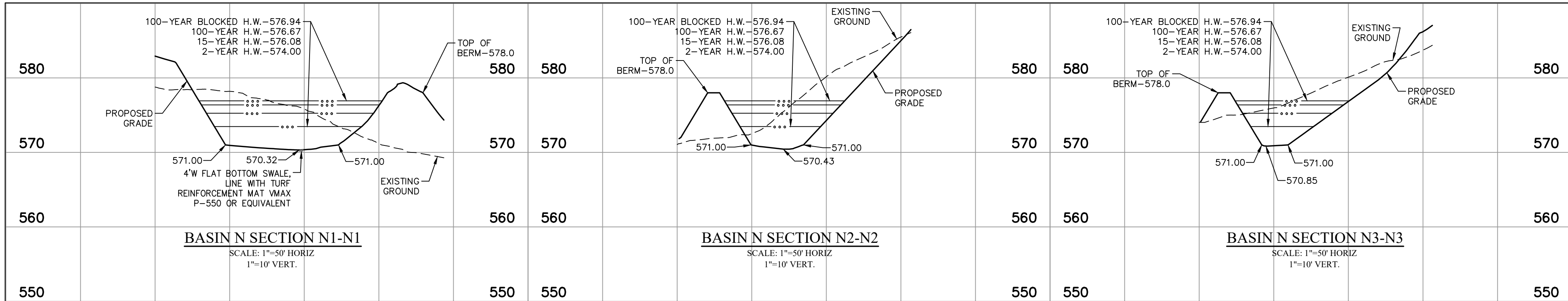


- NOTE:
1. MINIMUM 2% SLOPE LATERALLY TO SWALE AND 1% LONGITUDINALLY ALONG SWALE TO PREVENT STANDING WATER.
 2. SWALE SHALL BE LINED WITH VMAX P-550 TURF REINFORCEMENT MAT OR APPROVED EQUAL.
 3. SWALE SHALL BE SEEDED WITH WET SEED MIX PER MSD SEEDING TABLE.



NOTE:
REFER TO ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAWING STANDARD 2382-1 FOR ADDITIONAL INFORMATION.

LOW FLOW PIPE HEADWALL DETAIL



ISSUE	REMARKS/DATE
1	2024-08-13, INITIAL SUBMITTAL CITY PH.2
2	2024-11-08, REVISED PER CITY COMMENTS
3	2025-01-03, REVISED PER CITY COMMENTS
4	2025-02-11, REVISED PER CITY COMMENTS

PROJECT TITLE

HARVEST
AT HOPEWELL

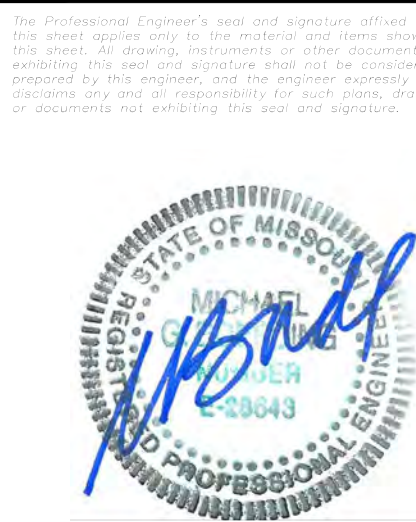
O'Fallon, Missouri

O'FALLON PHASE 2

THE
STERLING
CO.

ENGINEERS & SURVEYORS

5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sur.com
Corporate Certificate of Authority #001348



Date: 02-11-2025
Michael G. Boerding
License No. MO E-28643
Professional Engineer

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

DETENTION BASIN N DETAILS

P+Z No. 21-004994
City No. 21-011444
Date: 02-11-2025
Job No. 20-09-327

Page No.

9.12

IMP